

**ABSTRACT**

**[000208]** This invention is directed to compositions for embolizing vascular sites. The compositions described herein comprise fumed silica as a rheological modifier. The fumed silica imparts high viscosity to the compositions under static conditions but allows the compositions to flow readily under shear conditions. This invention is also directed to methods for treatment of aneurysms, arteriovenous fistulae, arteriovenous malformations, tumors, and other vascular diseases using the compositions described herein. Other uses are disclosed as well. Kits of parts including those compositions and devices which can deliver these composition are also described.